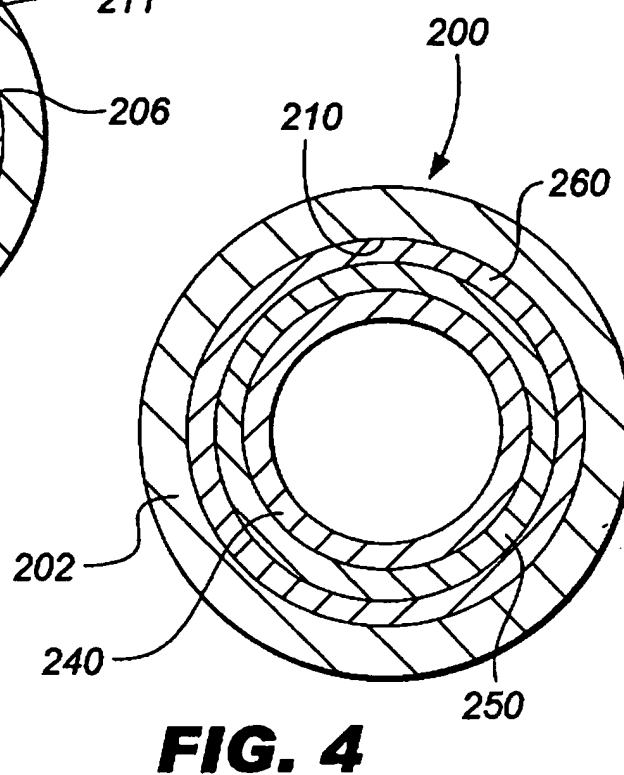
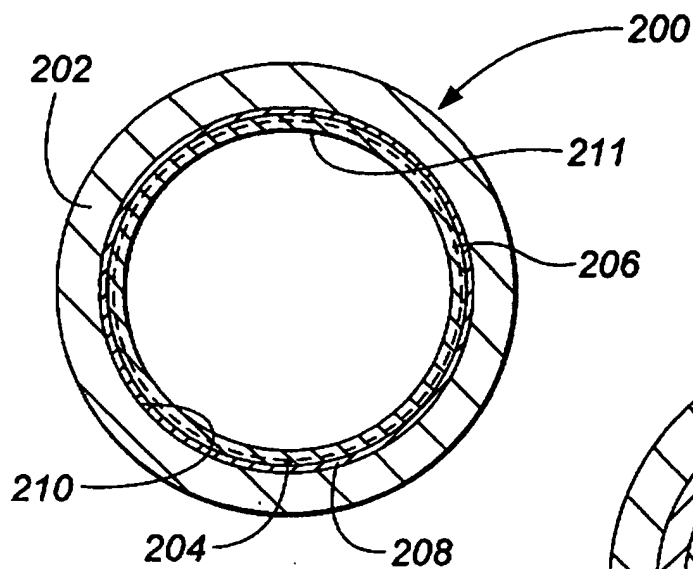
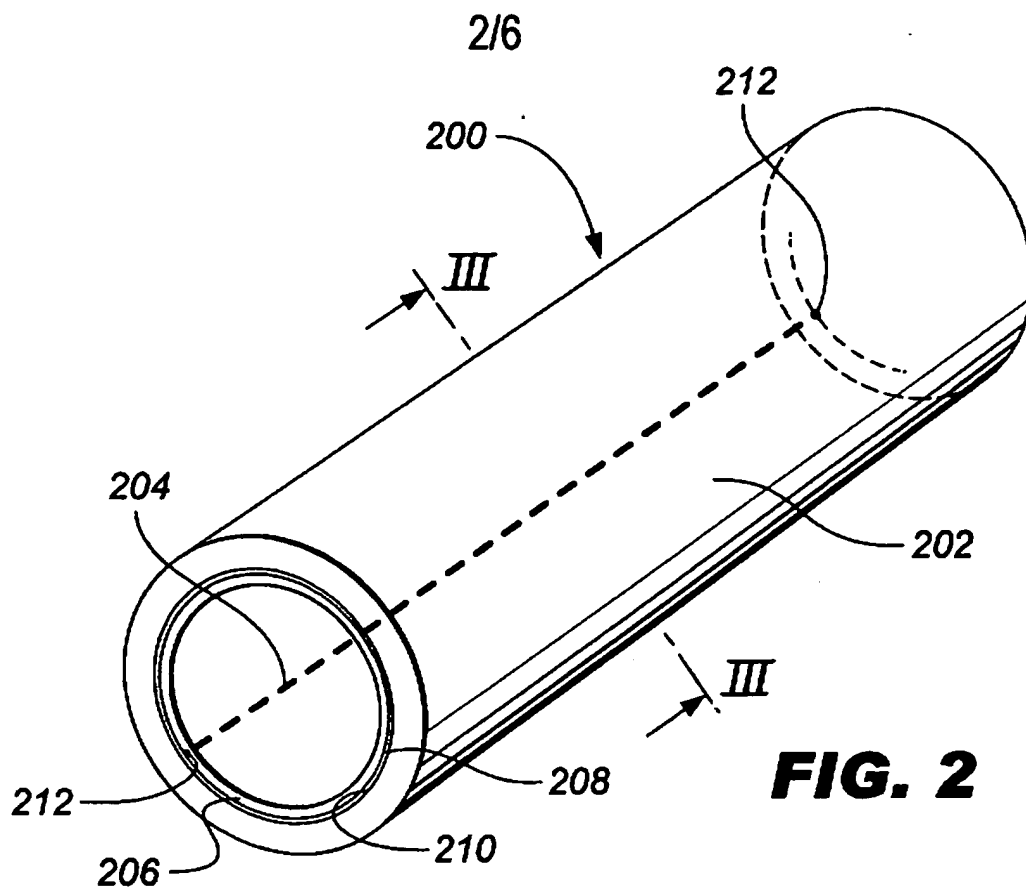


FIG. 1



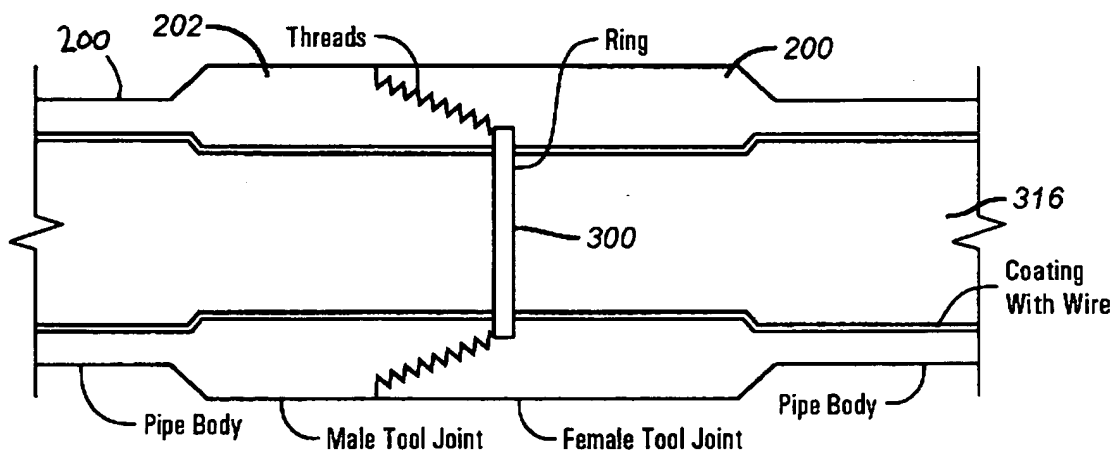


FIG. 5

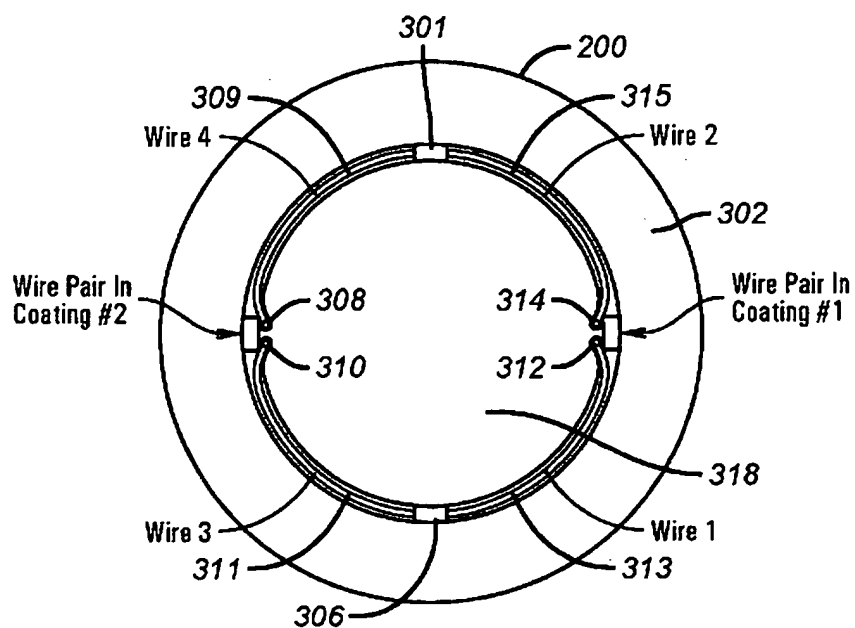


FIG. 6

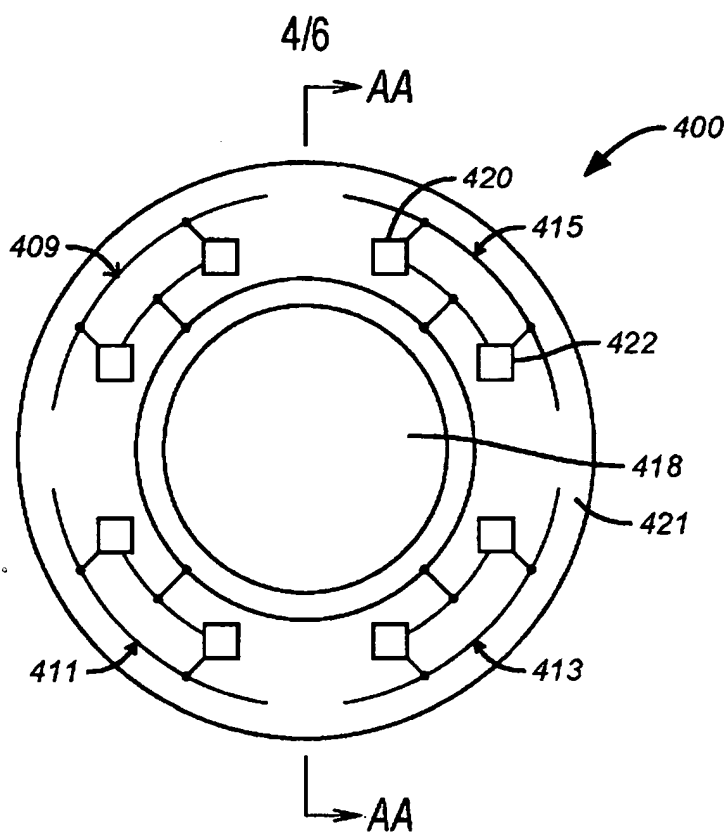


FIG. 7

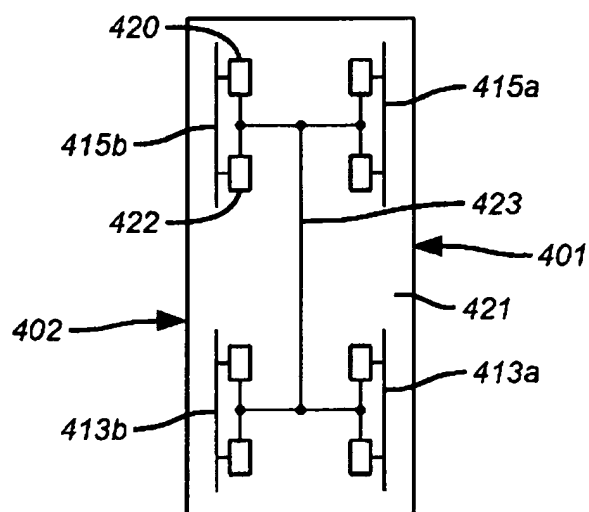


FIG. 8

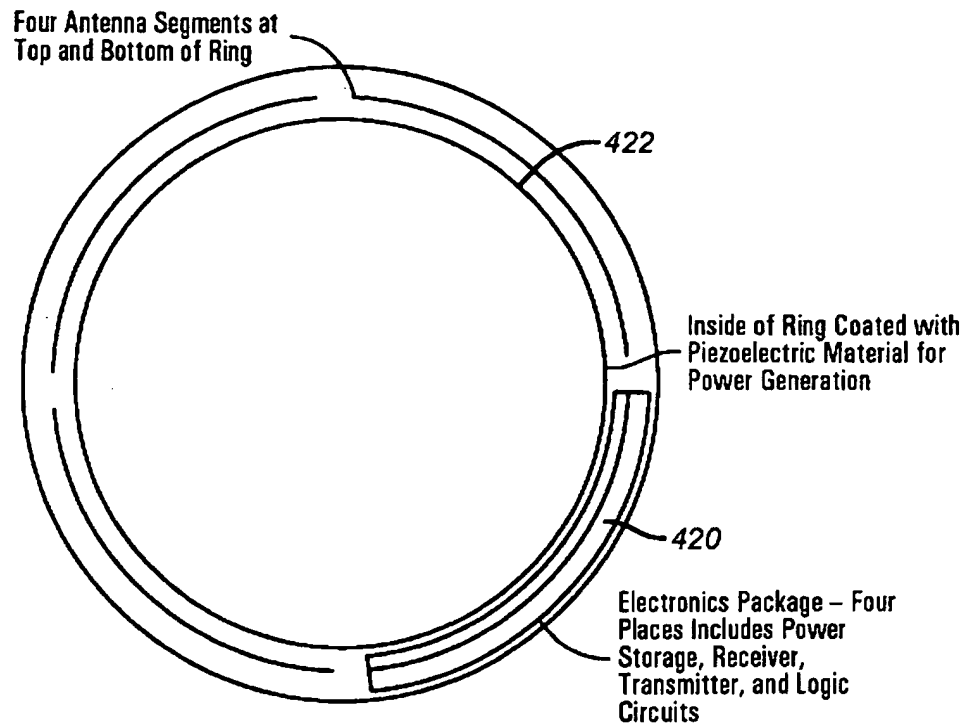


FIG. 9

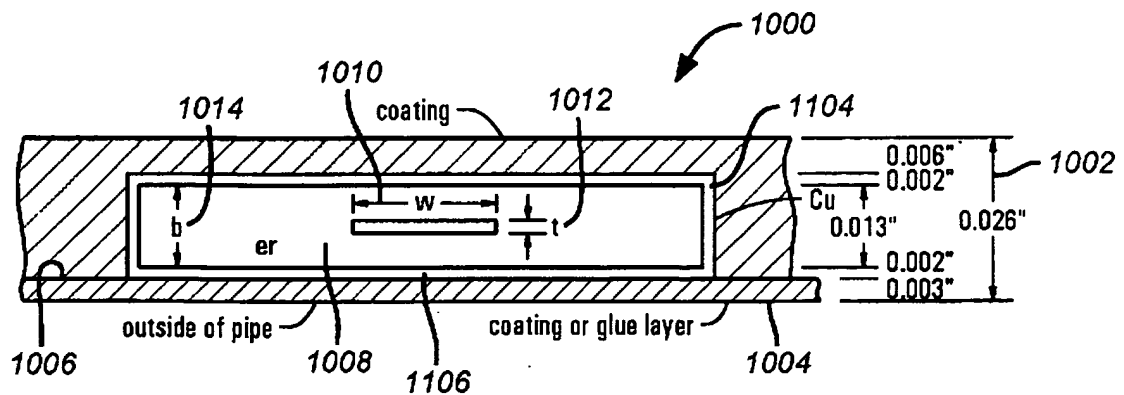
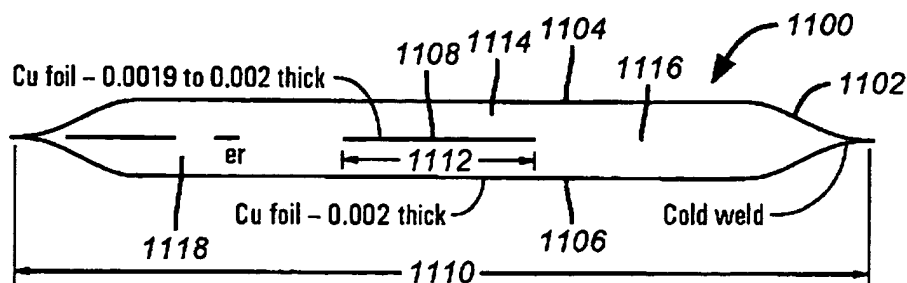
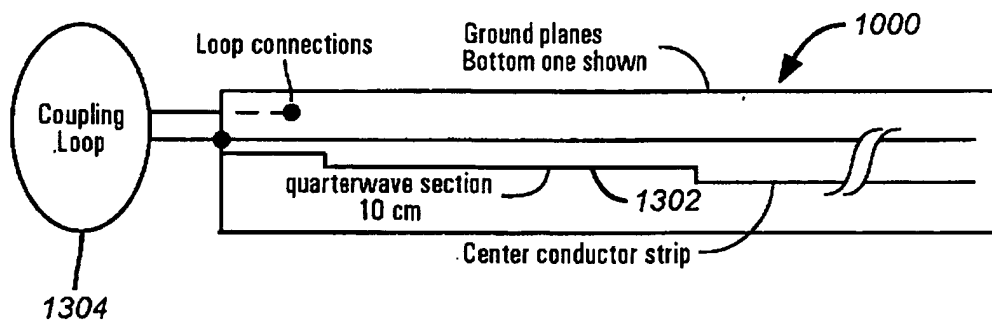


FIG. 10

**FIG. 11**

Characteristic Impedance of Full-Section Strip Transmission Line and Line Widths

Dielectric Constant = 2.1, $(\epsilon_r)^{1/2} = 1.45$							
t/b	t	b	$(\epsilon_r)^{1/2} \sim w/b$	w	Z_0	$(\epsilon_r)^{1/2} Z_0$	Total Line Thickness
0.15	0.00195	0.013	0.255	0.0033	70.0	101.4	0.026
0.15	0.00195	0.013	0.550	0.0072	50.0	72.5	"
0.15	0.00195	0.013	0.825	0.0107	40.0	58.0	"
0.15	0.00195	0.013	0.920	0.0120	37.5	54.3	"
0.15	0.00195	0.013	1.650	0.0215	25.0	36.2	"
0.15	0.00195	0.013	2.200	0.0286	20.0	29.0	"
0.15	0.00195	0.013	2.550	0.0332	17.5	25.4	"
0.13	0.00195	0.015	1.700	0.0255	25.0	36.2	0.028
0.12	0.00195	0.018	1.950	0.0312	22.5	32.6	0.029
0.10	0.0016	0.016	1.760	0.0282	25.0	36.2	0.029

FIG. 12**FIG. 13**